

Under-hood Fuse/Relay Box

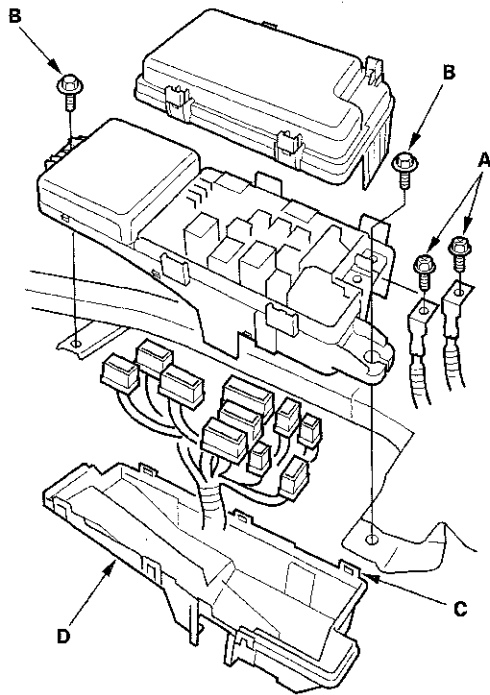
Removal and Installation

Special Tools Required

Relay puller 07AAC-000A1A0

Removal

1. Do the battery terminal disconnection procedure (see page 22-91).
2. Remove the screws (A) for the alternator and battery cable terminals from the under-hood fuse/relay box.



3. Remove the two mounting bolts (B) from the under-hood fuse/relay box.
4. Release the tabs (C), and remove the bottom cover (D) from the under-hood fuse/relay box.
5. Disconnect the connectors from the under-hood fuse/relay box.
6. Carefully remove the relays using the relay puller.

NOTE: Do not use pliers. Pliers will damage the relays, which could cause the engine to stall or not start.

Installation

1. Install the relays and connect the connectors to the under-hood fuse/relay box, then install the under-hood fuse/relay box in the reverse order of removal.
2. Install the removed parts in the reverse order of removal.
3. Do the battery terminal reconnection procedure (see page 22-91).
4. Confirm that all systems work properly.



DTC Troubleshooting

DTC B1055: Relay Control Module Lost Communication With MICU (MICU Message)

DTC B1056: Relay Control Module Lost Communication With MICU (ALARM Message)

NOTE: If you are troubleshooting multiple DTCs, be sure to follow the instructions in B-CAN System Diagnosis Test Mode A (see page 22-131).

1. Clear the DTCs with the HDS.
2. Turn the ignition switch to LOCK (0) and then back to ON (II).
3. Wait for at least 6 seconds.
4. Check for DTCs with the HDS.

Is DTC B1055 and/or B1056 indicated?

YES—Go to step 5.

NO—Intermittent failure, the system is OK at this time. Check for loose or poor connections between the relay control module and MICU. ■

5. Check for DTCs with the HDS.

Are DTCs B1157, B1255, B1605, B1806, B2107, and B2155 all indicated?

YES—Do the MICU input test (see page 22-152). ■

NO—Do the relay control module input test (see page 22-158). ■

DTC B1060: Relay Control Module Lost Communication With Gauge Control Module (VSP/NE Message)

DTC B1061: Relay Control Module Lost Communication With Gauge Control Module (A/T Message)

NOTE: If you are troubleshooting multiple DTCs, be sure to follow the instructions in B-CAN System Diagnosis Test Mode A (see page 22-131).

1. Clear the DTCs with the HDS.
2. Turn the ignition switch to LOCK (0) and then back to ON (II).
3. Wait for at least 6 seconds.
4. Check for DTCs with the HDS.

Is DTCs B1060 and/or B1061 indicated?

YES—Go to step 5.

NO—Intermittent failure, the system is OK at this time. Check for loose or poor connections between the relay control module and gauge control module. ■

5. Check for DTCs with the HDS.

Are DTCs B1008, B1011, B1205, B1610, B1805, B1808, B2061, and B2160 all indicated?

YES—Do the gauge control module input test (see page 22-155). ■

NO—Do the relay control module input test (see page 22-158). ■

Under-hood Fuse/Relay Box

DTC Troubleshooting (cont'd)

DTC B1062: Relay Control Module Lost Communication With Combination Switch Control Unit (HLSW Message)

DTC B1063: Relay Control Module Lost Communication With Combination Switch Control Unit (WIPSW Message)

NOTE: If you are troubleshooting multiple DTCs, be sure to follow the instructions in B-CAN System Diagnosis Test Mode A (see page 22-131).

1. Clear the DTCs with the HDS.
2. Turn the ignition switch to LOCK (0) and then back to ON (II).
3. Wait for at least 6 seconds.
4. Check for DTCs with the HDS.

Is DTCs B1062 and/or B1063 indicated?

YES—Go to step 5.

NO—Intermittent failure, the system is OK at this time. Check for loose or poor connections between the relay control module and combination switch control unit. ■

5. Check for DTCs with the HDS.

Are DTCs B1007, B1155, B1156, and B2108 all indicated?

YES—Do the combination switch control unit input test (see page 22-157). ■

NO—Do the relay control module input test (see page 22-158). ■

DTC B1064: Relay Control Module Lost Communication With Driver's MPCS Unit (DOORSW Message)

DTC B1065: Relay Control Module Lost Communication With Driver's MPCS Unit (DRLOCKSW Message)

NOTE: If you are troubleshooting multiple DTCs, be sure to follow the instructions in B-CAN System Diagnosis Test Mode A (see page 22-131).

1. Clear the DTCs with the HDS.
2. Turn the ignition switch to LOCK (0) and then back to ON (II).
3. Wait for at least 6 seconds.
4. Check for DTCs with the HDS.

Is DTCs B1064 and/or B1065 indicated?

YES—Go to step 5.

NO—Intermittent failure, the system is OK at this time. Check for loose or poor connections between the relay control module and driver's MPCS unit. ■

5. Check for DTCs with the HDS.

Are DTCs B1014, B1015, B1181, B1182, B1613, B1614, and B1811 all indicated?

YES—Do the driver's MPCS unit input test (see page 22-159). ■

NO—Do the relay control module input test (see page 22-158). ■



DTC B1066: Relay Control Module Lost Communication With Keyless Access Control Unit (PANIC Message)

NOTE: If you are troubleshooting multiple DTCs, be sure to follow the instructions in B-CAN System Diagnosis Test Mode A (see page 22-131).

1. Clear the DTCs with the HDS.
2. Turn the ignition switch to LOCK (0) and then back to ON (II).
3. Wait for at least 6 seconds.
4. Check for DTCs with the HDS.

Is DTC B1066 indicated?

YES—Go to step 5.

NO—Intermittent failure, the system is OK at this time. ■

5. Check for DTCs with the HDS.

Is DTC B1016 also indicated?

YES—Do the keyless access control unit input test (see page 22-623). ■

NO—Do the relay control module input test (see page 22-158). ■

Under-dash Fuse/Relay Box

Driver's Under-dash Fuse/Relay Box (MICU) Removal/Installation

Special Tools Required

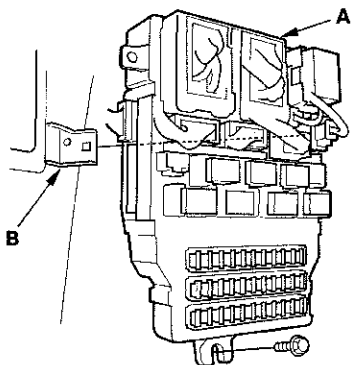
Relay puller 07AAC-000A1A0

SRS components are located in this area. Review the SRS component locations (see page 24-12) and precautions and procedures (see page 24-14) before doing repairs or servicing.

Removal

1. Do the battery terminal disconnection procedure (see page 22-91).
2. Remove the left front door sill trim and left kick panel (see page 20-67).
3. Disconnect the connectors from the fuse side of the driver's under-dash fuse/relay box (A).

NOTE: If necessary, remove the parking brake pedal assembly to make space.



4. Remove the mounting bolt, release the tab (B) and pull the driver's under-dash fuse/relay box away from the body.
5. Disconnect the connectors and remove the driver's under-dash fuse/relay box.
6. Carefully remove the relays using the relay puller.

NOTE: Do not use pliers. Pliers will damage the relays, which could cause the engine to stall or not start.

Installation

1. Install the relays and connect the connectors to the driver's under-dash fuse/relay box, then install the driver's under-dash fuse/relay box in the reverse order of removal.
2. Install the removed parts in the reverse order of removal.
3. Do the battery terminal reconnection procedure (see page 22-91).
4. Confirm that all systems work properly.

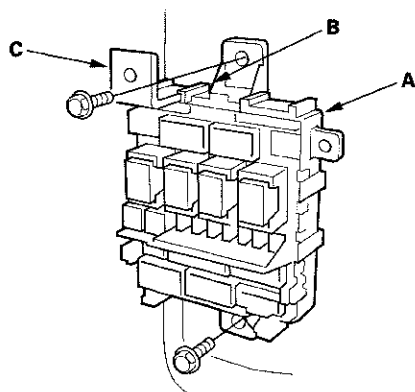


Passenger's Under-dash Fuse/Relay Box Removal/Installation

SRS components are located in this area. Review the SRS component locations (see page 24-12) and precautions and procedures (see page 24-14) before doing repairs or servicing.

Removal

1. Do the battery terminal disconnection procedure (see page 22-91).
2. Remove the right front door sill trim and right kick panel (see page 20-67).
3. Disconnect the connectors from the passenger's under-dash fuse/relay box (A).



4. Remove the mounting bolts and remove the passenger's under-dash fuse/relay box.
5. Carefully remove the relays using the relay puller, then release the tab (B) and remove the right kick panel mounting bracket (C).

NOTE: Do not use pliers. Pliers will damage the relays, which could cause the engine to stall or not start.

Installation

1. Install the passenger's under-dash fuse/relay box in the reverse order of removal.
2. Install the relays and connectors to the passenger's under-dash fuse/relay box.
3. Install the removed parts in the reverse order of removal.
4. Do the battery terminal reconnection procedure (see page 22-91).
5. Confirm that all systems work properly.